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(71) Applicant (for all designated States except US): **BIOARCTIC NEUROSCIENCE AB** [SE/SE]; Uppsala Science Park, Box 105, S-751 03 Uppsala (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **NILSSON, Lars** [SE/SE]; Salagatan 7 A, S-753 30 Uppsala (SE). **LANNFELT, Lars** [SE/SE]; Vintertullstorget 28, S-116 43 Stockholm (SE). **GELLERFORS, Pär** [SE/SE]; Lagmansvägen 13, S-181 63 Lidingö (SE).

(74) Agent: **DR LUDWIG BRANN PATENTBYRÅ AB**; Box 17192, S-104 62 Stockholm (SE).

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(54) Title: TRANSGENIC MODEL FOR ALZHEIMER'S DISEASE

(57) Abstract: The present invention relates to a transgenic non-human animal expressing at least one transgene comprising a DNA sequence encoding a heterologous Amyloid Precursor Protein (APP) comprising at least the Arctic mutation (E693G) and a further AD (Alzheimer's disease) pathogenic mutation or a further transgene affecting AD pathogenesis, which results in increased amounts of intracellular soluble A aggregates, including A peptides. The present invention also relates to method of producing said transgenic animal, and to methods of screening for therapeutic or diagnostic agents useful in treatment or diagnosis of Alzheimer's disease.



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